AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound represented by Formula (1):

$$\begin{array}{c} R_1 & \stackrel{G_1}{N} Q_1 \\ (X) n \stackrel{A_2}{\longrightarrow} A_3 & \stackrel{A_3}{\longrightarrow} Q_2 \\ \end{array} \tag{1}$$

wherein A_1 , A_2 , A_3 and A_4 each represent a carbon atom, a nitrogen atom or an exidized nitrogen atom:

R₁ and R₂ each represent a hydrogen atom, an optionally substituted alkyl group or an optionally substituted C1-C4 alkylcarbonyl group:

- G₁ and G₂ each represent an oxygen atom or a sulfur atom;
- X, which may be identical or different each other, represents a hydrogen atom, a halogen atom, a C1-C3 alkyl group or a trifluoromethyl group;
 - n is an integer of 0 to 4;
- Q₁ represents an optionally substituted phenyl group[[,]] or an optionally substituted naphthyl group or an optionally substituted heterocyclic group; and
- Q₂ represents a phenyl group or heterocyclic group having one or more substituents, at least one of the substituent being any of a C1-C4 haloalkoxy group, a

C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group and a C1-C6 perfluoroalkylsulfonyl group.

(currently amended) The compound according to claim 1 represented by Formula (1), wherein

 R_1 and R_2 are each a hydrogen atom, a C1-C4 alkyl group or an optionally substituted C1-C4 alkylcarbonyl group:

Xs, which may be identical or different each other, are a hydrogen atom, a halogen atom or a trifluoromethyl group;

Q₁ is a phenyl group, or a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 haloalkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 alkylsulfonyl group, a C1-C3 alkylsulfonyl group, a C1-C3 alkylsulfonyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfinyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a cyano group, a pyridin-N oxide group, a pyrimidinyl group, a pyridazyl group, a pyridyl group, a furyl group, a thianyl group, an oxazolyl group, an isosazolyl group, a nimidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazyl group, a pyrrolyl group, a pyrazyl group, a pyrrolyl group, a furyl group, a pyrazolyl group, an isothiazolyl group, an imidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl group, a pyrrolyl group, a pyrazolyl group, a pyrrolyl group, a pyrazolyl group, a tetrazolyl group, a pyrazolyl group, a gyrazolyl group, a pyrazolyl group, a pyrazolyl group, a pyrazol

substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4-haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkynyl group, a C2-C4 haloalkynyl group, a C3-C6 eycloalkyl group, a C3-C6 haloalkonyl group, a C1-C3 alkexy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfonyl group, a C1-C4 alkylamine group, a di-C1-C4-alkylamine group, a cyane group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group; a C1-C4

Q2 is represented by Formula (2):

$$Y_5 \qquad Y_2 \qquad (2)$$

(wherein Y₁ and Y₅, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 haloalkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y₃ represents a C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y₂ and Y₄ each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

(wherein Y₆ and Y₉, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-G3 alkylthio group, a C1-G3 haloalkylsulfinyl group, a C1-G3 haloalkylsulfinyl group, a C1-G3 haloalkylsulfinyl group, a C1-G3 alkylsulfinyl group, a C1-G3 haloalkylsulfinyl group or a cyane group; Y₈ represents a C1-G4 haloalkexy group, a C2-G6 perfluoroalkyl group, a C1-G6 perfluoroalkylthio group, a C1-G6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y₂ represents a hydrogen atom, a halogen atom or a C1-G4 alkyl group).

 (currently amended) The compound according to claim 2, represented by Formula (1a), which is Formula (1) with A₁, A₂, A₃ and A₄ being all carbon atoms:

wherein R_1 , R_2 , G_1 , G_2 and Q_1 have the same meanings as those described in claim 2, and Q_2 is represented either-by Formula (2):

$$Y_{5} = Y_{4}$$
 (2)

(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group,

a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):

(wherein Y₆ and Y₉, which may be identical or different, each represent a halogen atom, a C1–C4 alkyl group, a C1–C4 haloalkyl group, a C1–C3 alkylthie group, a C1–C3 haloalkylthie group, a C1–C3 haloalkylthiio group, a C1–C3 haloalkylthiio group, a C1–C3 haloalkylthiio group, a C1–C3 haloalkylthiio group or a cyane group; Y₆ represents a C1–C4 haloalkeys group, a C1–C6 perfluoroalkylthiio group, a C1–C6 perfluoroalkylthiio group; and Y₂ represents a hydrogen atom, a halogen atom or a C1–C4 alkyl group).

wherein in Formula (1a), X_1 and X_2 each represent a hydrogen atom or a fluorine atom; and

X₃ and X₄ represent a hydrogen atom.

 (currently amended) The compound according to claim 1, represented by Formula (1a), which is Formula (1) with A₁, A₂, A₃ and A₄ being all carbon atoms:

$$R_1$$
 N Q_1 Q_2 Q_2 Q_3 Q_4 Q_4 Q_5 Q_5 Q_5 Q_5 Q_5 Q_5 Q_5 Q_5 Q_5

wherein Q2 is represented either by Formula (2):

$$Y_5 \qquad Y_2 \qquad (2)$$

(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 haloalkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C2-C6 perfluoroalkyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):

$$\begin{array}{c}
Y_{6} \\
Y_{7} \\
Y_{1} \\
Y_{2}
\end{array}$$
(3)

(wherein Y₀ and Y₀, which may be identical or different, each represent a halo gen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y srepresents a C2-C6 perfluoroalkyl group; and Y₂ represents a hydrogen atom, a haloalkylsulfonyl group or a C1-C4 alkyl group;

X₁ and X₂ each represent a hydrogen atom or a fluorine atom;

X₃ and X₄ represent a hydrogen atom;

one of R_1 and R_2 is a hydrogen atom, the other is a C1-C4 alkyl group or an optionally substituted C1-C4 alkylcarbonyl group , or both of them are independently a C1-C4 alkyl group or an optionally substituted C1-C4 alkylcarbonyl group;

G₁ and G₂ each represent an oxygen atom or a sulfur atom; and

Q₁ represents a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxycarbonyl group, an acetylamino group and a phenyl group; a heterocyclic group (the heterocyclic group herein represents a pyridyl group, a pyridin N oxide group, a pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group, a thionyl group, an exazolyl group, an isoxazolyl group, an oxadiazolyl group, a thiazolyl group, an isothiazolyl group, an imidazolyl group, a triazelyl group, a pyrrolyl group, a pyrazelyl group or a tetrazelyl group); or a substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group. a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a

C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkexy group, a C1-C3 haloalkexy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C4-alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylsarbonyl group, a C1-C4 alkylsarbonyl group, a C1-C4-alkylsarbonyl group, a C1-C4-alkylsarbo

- 5. (canceled)
- 6. (currently amended) The compound according to claim 3, wherein Q₁ is a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkylthio group, a C1-C3 alkylthio group, a C1-C3 alkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 alkylsulfonyl group, a C1-C4 alkylamino group, a c1-C4 alkylamino group, a c1-C4 alkylamino group, a c1-C4 alkylcarbonyl group, a C2-C4 alkynyl group, a C2-C4 alkynyl

group, a C2-C4-haloalkynyl-group, a C3-C6-cycloalkyl-group, a C3-C6-haloaycloalkyl group, a C1-C3-alkoxy-group, a C1-C3-alkylthio-group, a C1-C3-alkylthio-group, a C1-C3-alkylthio-group, a C1-C3-alkylsulfinyl-group, a C1-C3-alkylsulfinyl-group, a C1-C3-alkylsulfonyl-group, a C1-C4-alkylaulfonyl-group, a C1-C4-alkylaulino-group, a open group, a nitro-group, a hydroxyl-group, a C1-C4-alkylcarbonyl-group, a C1-C4-alkylcar

7-11. (canceled)

- (withdrawn, currently amended) An insecticide containing the compound according to claim 1 as anthe active ingredient.
- 13. (withdrawn, currently amended) A method of using pesticide in treating crops or soilsfor cultivation or the soil to be treated with an effective amount of the compound according to claim 1-in-order to protect the crops from harmful organisms.
 - 14. (canceled)
- 15. (currently amended) The compound according to claim 2, represented by Formula (1a), which is Formula (1) with A₁, A₂, A₃ and A₄ being all carbon atoms:

$$\begin{array}{ccccc}
R_1 & N & Q_1 \\
X_2 & X_1 & Q_2 \\
X_3 & X_1 & Q_2
\end{array}$$

$$\begin{array}{ccccc}
N & Q_2 & (1a) \\
R_2 & & & \\
\end{array}$$

wherein Q2 is represented either-by Formula (2):

$$Y_5 \xrightarrow{Y_1} Y_2 \qquad (2)$$

(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 haloalkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C2-C6 perfluoroalkyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):

(wherein Y₆ and Y₉, which may be identical or different, each represent a halo gen atom, a C1-C4-alkyl group, a C1-C4-haloalkyl group, a C1-C3-alkylthio group, a C1-C3-haloalkylthio group, a C1-C3-alkylsulfinyl group, a C1-C3-haloalkylsulfinyl group, a C1-C3-haloalkylsulfonyl group or a cyano group; Y ₈ represents a C2-C6-perfluoroalkyl group; and Y₂ represents a hydrogen atom, a haloalkylsulfonyl group or a C1-C4-alkyl group;

X₁ and X₂ each represent a hydrogen atom or a fluorine atom;

X₃ and X₄ represent a hydrogen atom;

one of R_1 and R_2 is a hydrogen atom, the other is a C1-C4 alkyl group or an optionally substituted C1-C4 alkylcarbonyl group , or both of them are independently a C1-C4 alkyl group or an optionally substituted C1-C4 alkylcarbonyl group:

G₁ and G₂ each represent an oxygen atom or a sulfur atom; and

Q₁ represents a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxycarbonyl group, an acetylamino group and a phenyl group; a heterocyclic group (the heterocyclic group herein represents a pyridyl group, a pyridin-N-oxide group, a pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group, a thienyl group, an exazelyl group, an isoxazelyl group, an exadiazelyl group, a thiazelyl group, an isothiazelyl group, an imidazelyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl group or a tetrazolyl group); or a substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 halogikyl group, a C2-C4 alkenyl group. a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino

group, a cyano group, a nitro group, a hydroxyl group, a C1 C4 alkylcarbonyl group, a C1 C4 alkylcarbonyloxy group, a C1 C4 alkoxycarbonyl group, an acetylamine group and a phonyl group.

16. (canceled)

17. (currently amended) The compound according to claim 4, wherein Q₁ is a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxycarbonyl group, an acetylamino group and a phenyl group; a pyridyl group; or a substituted pyridyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 halogikynyl group, a C3-C6 cyclogikyl group, a C3-C6 halocyclogikyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4

alkylamino group, a di C1-C4 alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkoxycarbonyl group, an acetylamino group and a phonyl group.

18. (currently amended) The compound according to claim 15, wherein Q₁ is a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxycarbonyl group, an acetylamino group and a phenyl group; a pyridyl group; or a substituted pyridyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2 C4 alkenyl group, a C2 C4 haloalkenyl group, a C2 C4 alkenyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a

C1 C4 alkovycarhor	ud aroun an	acotylamino arour	and a phonul	aroun
C1-C4 alkoxycarbor	iyi gi oup, ari	acciyiariiirio group	лана а рненуг	group.

- 19. (canceled)
- 20. (canceled)